

Everyday Math

Activity #12: Filling Out Your Taxes

Use the W-2 form, the 1040EZ form and the Tax Table to determine the amount of your refund or the amount you owe. For the purpose of this activity assume you are filing as a single person and that no one can claim you as a dependent.

Form W - 2 2001

Control number			For Official Use Only OMB No. 1545-008	
11 Employer's identification number			1 Wage, tips.... 24,893	2 Fed. tax w/held 3,567
12 Employer's name, address, and ZIP			3 Soc. sec. wages	4 Soc. Sec. tax
			5 Medicare wages	6 Medicare tax
			7 Soc. Sec. tips	8 Allocated tips
13 Employee's social security number				9 Dependent care
14 Employee's name (first, middle, last)				
15 Employee's address and ZIP				10 Other

Label

(See page 12.)

Use the IRS
label.Otherwise,
please print
or type.Presidential
Election
Campaign
(page 12)L
A
B
E
L

H
E
R
E

Your first name and initial

Last name

If a joint return, spouse's first name and initial

Last name

Home address (number and street). If you have a P.O. box, see page 12.

Apt. no.

City, town or post office, state, and ZIP code. If you have a foreign address, see page 12.

Your social security number

Spouse's social security number

▲ Important! ▲

You **must** enter your
SSN(s) above.**Note.** Checking "Yes" will not change your tax or reduce your refund.

Do you, or spouse if a joint return, want \$3 to go to this fund? ▶

You Spouse
☐ Yes ☐ No ☐ Yes ☐ No

Income

Attach
Form(s) W-2
here.Enclose, but
do not attach,
any payment.**Note.** You
must check
Yes or No. }

1	Total wages, salaries, and tips. This should be shown in box 1 of your W-2 form(s). Attach your W-2 form(s).	1	
2	Taxable interest. If the total is over \$400, you cannot use Form 1040EZ.	2	
3	Unemployment compensation, qualified state tuition program earnings, and Alaska Permanent Fund dividends (see page 14).	3	
4	Add lines 1, 2, and 3. This is your adjusted gross income .	4	
5	Can your parents (or someone else) claim you on their return? Yes. Enter amount from <input type="checkbox"/> worksheet on back. No. If single , enter 7,450.00. If married , enter 13,400.00. See back for explanation.	5	
6	Subtract line 5 from line 4. If line 5 is larger than line 4, enter 0. This is your taxable income .	6	

Credits,
payments,
and tax

7	Rate reduction credit. See the worksheet on page 14.	7	
8	Enter your Federal income tax withheld from box 2 of your W-2 form(s).	8	
9a	Earned income credit (EIC). See page 15.	9a	
b	Nontaxable earned income.	9b	
10	Add lines 7, 8, and 9a. These are your total credits and payments .	10	
11	Tax. If you checked "Yes" on line 5, see page 20. Otherwise, use the amount on line 6 above to find your tax in the tax table on pages 24–28 of the booklet. Then, enter the tax from the table on this line.	11	

Refund

Have it directly
deposited! See page
20 and fill in 12b,
12c, and 12d.

12a	If line 10 is larger than line 11, subtract line 11 from line 10. This is your refund .	12a	
b	Routing number <input type="text"/>	c	Type: <input type="checkbox"/> Checking <input type="checkbox"/> Savings
d	Account number <input type="text"/>		

Amount
you owe

13	If line 11 is larger than line 10, subtract line 10 from line 11. This is the amount you owe . See page 21 for details on how to pay.	13	
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Third party
designeeDo you want to allow another person to discuss this return with the IRS (see page 22)? ☐ **Yes**. Complete the following. ☐ **No**Designee's name ▶ Phone no. ▶ () Personal identification number (PIN) ▶ Sign
hereJoint return?
See page 11.
Keep a copy
for your
records.

Under penalties of perjury, I declare that I have examined this return, and to the best of my knowledge and belief, it is true, correct, and accurately lists all amounts and sources of income I received during the tax year. Declaration of preparer (other than the taxpayer) is based on all information of which the preparer has any knowledge.			
Your signature	Date	Your occupation	Daytime phone number ()
Spouse's signature. If a joint return, both must sign.	Date	Spouse's occupation	

Paid
preparer's
use only

Preparer's signature ▶	Date	Check if self-employed <input type="checkbox"/>	Preparer's SSN or PTIN
Firm's name (or yours if self-employed), address, and ZIP code ▶	EIN		
	Phone no. ()		

2001 Tax Table

If line 39 (taxable income) is—		And you are—				If line 39 (taxable income) is—		And you are—				If line 39 (taxable income) is—		And you are—			
At least	But less than	Single	Married filing jointly *	Married filing sepa- rately	Head of a house- hold	At least	But less than	Single	Married filing jointly *	Married filing sepa- rately	Head of a house- hold	At least	But less than	Single	Married filing jointly *	Married filing sepa- rately	Head of a house- hold
Your tax is—						Your tax is—						Your tax is—					
14,000						17,000						20,000					
14,000	14,050	2,104	2,104	2,104	2,104	17,000	17,050	2,554	2,554	2,554	2,554	20,000	20,050	3,004	3,004	3,004	3,004
14,050	14,100	2,111	2,111	2,111	2,111	17,050	17,100	2,561	2,561	2,561	2,561	20,050	20,100	3,011	3,011	3,011	3,011
14,100	14,150	2,119	2,119	2,119	2,119	17,100	17,150	2,569	2,569	2,569	2,569	20,100	20,150	3,019	3,019	3,019	3,019
14,150	14,200	2,126	2,126	2,126	2,126	17,150	17,200	2,576	2,576	2,576	2,576	20,150	20,200	3,026	3,026	3,026	3,026
14,200	14,250	2,134	2,134	2,134	2,134	17,200	17,250	2,584	2,584	2,584	2,584	20,200	20,250	3,034	3,034	3,034	3,034
14,250	14,300	2,141	2,141	2,141	2,141	17,250	17,300	2,591	2,591	2,591	2,591	20,250	20,300	3,041	3,041	3,041	3,041
14,300	14,350	2,149	2,149	2,149	2,149	17,300	17,350	2,599	2,599	2,599	2,599	20,300	20,350	3,049	3,049	3,049	3,049
14,350	14,400	2,156	2,156	2,156	2,156	17,350	17,400	2,606	2,606	2,606	2,606	20,350	20,400	3,056	3,056	3,056	3,056
14,400	14,450	2,164	2,164	2,164	2,164	17,400	17,450	2,614	2,614	2,614	2,614	20,400	20,450	3,064	3,064	3,064	3,064
14,450	14,500	2,171	2,171	2,171	2,171	17,450	17,500	2,621	2,621	2,621	2,621	20,450	20,500	3,071	3,071	3,071	3,071
14,500	14,550	2,179	2,179	2,179	2,179	17,500	17,550	2,629	2,629	2,629	2,629	20,500	20,550	3,079	3,079	3,079	3,079
14,550	14,600	2,186	2,186	2,186	2,186	17,550	17,600	2,636	2,636	2,636	2,636	20,550	20,600	3,086	3,086	3,086	3,086
14,600	14,650	2,194	2,194	2,194	2,194	17,600	17,650	2,644	2,644	2,644	2,644	20,600	20,650	3,094	3,094	3,094	3,094
14,650	14,700	2,201	2,201	2,201	2,201	17,650	17,700	2,651	2,651	2,651	2,651	20,650	20,700	3,101	3,101	3,101	3,101
14,700	14,750	2,209	2,209	2,209	2,209	17,700	17,750	2,659	2,659	2,659	2,659	20,700	20,750	3,109	3,109	3,109	3,109
14,750	14,800	2,216	2,216	2,216	2,216	17,750	17,800	2,666	2,666	2,666	2,666	20,750	20,800	3,116	3,116	3,116	3,116
14,800	14,850	2,224	2,224	2,224	2,224	17,800	17,850	2,674	2,674	2,674	2,674	20,800	20,850	3,124	3,124	3,124	3,124
14,850	14,900	2,231	2,231	2,231	2,231	17,850	17,900	2,681	2,681	2,681	2,681	20,850	20,900	3,131	3,131	3,131	3,131
14,900	14,950	2,239	2,239	2,239	2,239	17,900	17,950	2,689	2,689	2,689	2,689	20,900	20,950	3,139	3,139	3,139	3,139
14,950	15,000	2,246	2,246	2,246	2,246	17,950	18,000	2,696	2,696	2,696	2,696	20,950	21,000	3,146	3,146	3,146	3,146
15,000						18,000						21,000					
15,000	15,050	2,254	2,254	2,254	2,254	18,000	18,050	2,704	2,704	2,704	2,704	21,000	21,050	3,154	3,154	3,154	3,154
15,050	15,100	2,261	2,261	2,261	2,261	18,050	18,100	2,711	2,711	2,711	2,711	21,050	21,100	3,161	3,161	3,161	3,161
15,100	15,150	2,269	2,269	2,269	2,269	18,100	18,150	2,719	2,719	2,719	2,719	21,100	21,150	3,169	3,169	3,169	3,169
15,150	15,200	2,276	2,276	2,276	2,276	18,150	18,200	2,726	2,726	2,726	2,726	21,150	21,200	3,176	3,176	3,176	3,176
15,200	15,250	2,284	2,284	2,284	2,284	18,200	18,250	2,734	2,734	2,734	2,734	21,200	21,250	3,184	3,184	3,184	3,184
15,250	15,300	2,291	2,291	2,291	2,291	18,250	18,300	2,741	2,741	2,741	2,741	21,250	21,300	3,191	3,191	3,191	3,191
15,300	15,350	2,299	2,299	2,299	2,299	18,300	18,350	2,749	2,749	2,749	2,749	21,300	21,350	3,199	3,199	3,199	3,199
15,350	15,400	2,306	2,306	2,306	2,306	18,350	18,400	2,756	2,756	2,756	2,756	21,350	21,400	3,206	3,206	3,206	3,206
15,400	15,450	2,314	2,314	2,314	2,314	18,400	18,450	2,764	2,764	2,764	2,764	21,400	21,450	3,214	3,214	3,214	3,214
15,450	15,500	2,321	2,321	2,321	2,321	18,450	18,500	2,771	2,771	2,771	2,771	21,450	21,500	3,221	3,221	3,221	3,221
15,500	15,550	2,329	2,329	2,329	2,329	18,500	18,550	2,779	2,779	2,779	2,779	21,500	21,550	3,229	3,229	3,229	3,229
15,550	15,600	2,336	2,336	2,336	2,336	18,550	18,600	2,786	2,786	2,786	2,786	21,550	21,600	3,236	3,236	3,236	3,236
15,600	15,650	2,344	2,344	2,344	2,344	18,600	18,650	2,794	2,794	2,794	2,794	21,600	21,650	3,244	3,244	3,244	3,244
15,650	15,700	2,351	2,351	2,351	2,351	18,650	18,700	2,801	2,801	2,801	2,801	21,650	21,700	3,251	3,251	3,251	3,251
15,700	15,750	2,359	2,359	2,359	2,359	18,700	18,750	2,809	2,809	2,809	2,809	21,700	21,750	3,259	3,259	3,259	3,259
15,750	15,800	2,366	2,366	2,366	2,366	18,750	18,800	2,816	2,816	2,816	2,816	21,750	21,800	3,266	3,266	3,266	3,266
15,800	15,850	2,374	2,374	2,374	2,374	18,800	18,850	2,824	2,824	2,824	2,824	21,800	21,850	3,274	3,274	3,274	3,274
15,850	15,900	2,381	2,381	2,381	2,381	18,850	18,900	2,831	2,831	2,831	2,831	21,850	21,900	3,281	3,281	3,281	3,281
15,900	15,950	2,389	2,389	2,389	2,389	18,900	18,950	2,839	2,839	2,839	2,839	21,900	21,950	3,289	3,289	3,289	3,289
15,950	16,000	2,396	2,396	2,396	2,396	18,950	19,000	2,846	2,846	2,846	2,846	21,950	22,000	3,296	3,296	3,296	3,296
16,000						19,000						22,000					
16,000	16,050	2,404	2,404	2,404	2,404	19,000	19,050	2,854	2,854	2,854	2,854	22,000	22,050	3,304	3,304	3,304	3,304
16,050	16,100	2,411	2,411	2,411	2,411	19,050	19,100	2,861	2,861	2,861	2,861	22,050	22,100	3,311	3,311	3,311	3,311
16,100	16,150	2,419	2,419	2,419	2,419	19,100	19,150	2,869	2,869	2,869	2,869	22,100	22,150	3,319	3,319	3,319	3,319
16,150	16,200	2,426	2,426	2,426	2,426	19,150	19,200	2,876	2,876	2,876	2,876	22,150	22,200	3,326	3,326	3,326	3,326
16,200	16,250	2,434	2,434	2,434	2,434	19,200	19,250	2,884	2,884	2,884	2,884	22,200	22,250	3,334	3,334	3,334	3,334
16,250	16,300	2,441	2,441	2,441	2,441	19,250	19,300	2,891	2,891	2,891	2,891	22,250	22,300	3,341	3,341	3,341	3,341
16,300	16,350	2,449	2,449	2,449	2,449	19,300	19,350	2,899	2,899	2,899	2,899	22,300	22,350	3,349	3,349	3,349	3,349
16,350	16,400	2,456	2,456	2,456	2,456	19,350	19,400	2,906	2,906	2,906	2,906	22,350	22,400	3,356	3,356	3,356	3,356
16,400	16,450	2,464	2,464	2,464	2,464	19,400	19,450	2,914	2,914	2,914	2,914	22,400	22,450	3,364	3,364	3,364	3,364
16,450	16,500	2,471	2,471	2,471	2,471	19,450	19,500	2,921	2,921	2,921	2,921	22,450	22,500	3,371	3,371	3,371	3,371
16,500	16,550	2,479	2,479	2,479	2,479	19,500	19,550	2,929	2,929	2,929	2,929	22,500	22,550	3,379	3,379	3,379	3,379
16,550	16,600	2,486	2,486	2,486	2,486												